



Rocky Mountain
Remediation Services, L.L.C.
... protecting the environment

Rocky Flats Environmental Technology Site
P.O. Box 464
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July 13, 1999

Karan S. North, Division Manager
Environmental Systems and Stewardship
Kaiser-Hill Company, L.L.C.
Building T130C

PHASE I SUMMARY REPORT FOR TANK AND ANCILLARY EQUIPMENT
SYSTEM #4 IN BUILDING 771 - TAH-054-99

Pursuant to the RCRA Closure Plan for Interim Status Units (April 1998)
(Closure Plan) and the Closure Description Document for Tank and Ancillary
Equipment System #4 (RF/RMRS-99.357.UN) Rocky Mountain Remediation
Services is submitted the attached Summary Report of Phase I RCRA Closure
Activities for Tank and Ancillary Equipment System #4 in Building 771.

The summary report contains a description of major closure activities and a
declaration that one of the tanks in this system meets the requirements for the
"RCRA Stable" condition.

Please transmit this Summary Report to CDPHE at your earliest convenience. A
draft letter to CDPHE is attached for your use.

If you have questions, please contact me at 303-966-7652 or Tom Baker at 303-
966-4329.

Ted A. Hopkins

Ted A. Hopkins
Environmental Compliance Manager

TCB:dlu

Attachments (2):
As Stated



ADMIN RECORD

IA-B771-A-00031

CORRES. CONTROL		
LTR. NO.		
K-H Corres. #		
99-RF-		
Originator Ltr Log #		
TAH- 039 -99		
DIST.	LTR	ENC
BODEY, E. D.		
CARMEAN, C.H.		
CRAWFORD, A.C.		
FINDLEY, M.E.		
FITZ, R.C.		
GUINN, L.A.		
HUGHES, F. P.		
KASEN, J. A.		
KORENKO, M. K.		
LAW, J. E.		
MILLS, S. H.		
OVERLID, T. W.		
PATTERSON, J.W.		
SUTTON, S. R.		
TRICE, K. D.		
WHEELER, M.		
WOLF, K. Z.	X	
WOLF, H. C.	X	
ARNOLD, P. S.	X	X
BAKER, T. C.	X	
BURKS, D.	X	X
CATHIEL, R. L.	X	
HOPKINS, T. A.	X	X
LANGLOIS, L. A.	X	X
MARTINEZ, G. L.	X	
URBAN, D. L.	X	X
ADMIN RECORD		
RMRS RECORDS		
TRAFFIC		
PATS/T130G		
CLASSIFICATION:		
UCNI		
UNCLASSIFIED	X	X
CONFIDENTIAL		
SECRET		
AUTHORIZED CLASSIFIER		
SIGNATURE:		
<i>R. P. Campbell</i>		
Date: 7/13/99		
IN REPLY TO RF CC NO.:		
ACTION ITEM STATUS:		
q PARTIAL/OPEN		
q CLOSED		
LTR APPROVALS:		
ORIG. & TYPIST INITIALS:		
TCB:dlu		
RF-46469(Rev. 1/99)		

DRAFT

DRAFT

DRAFT

99-RF-XXXXX
DOE # xxxxx

Mr. Joe Scheiffelin, Unit Leader
Colorado Department of Public Health and the Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

PHASE I SUMMARY REPORT FOR TANK AND ANCILLARY EQUIPMENT SYSTEM #4 IN
BUILDING 771 - KSN-XXX-99

Dear Mr. Scheiffelin:

Pursuant to the *RCRA Closure Plan for Interim Status Units* (April, 1998) (Closure Plan) and the *Closure Description Document for Tank and Ancillary Equipment System #4 in Building 771* (RF/RMRS-99-357.UN), Kaiser-Hill Company, L.L.C. is submitting the enclosed *Summary Report of Phase I RCRA Closure Activities for Tank and Ancillary Equipment System #4 in Building 771*.

The Summary Report contains a description of major closure activities and a declaration that one of the tanks in this system meets the requirements for the "RCRA Stable" condition.

If you have any questions, please contact Tom Baker of Rocky Mountain Remediation Services at 303-966-4329.

Karan S. North, Division Manager Date
Environmental Systems and Stewardship
Kaiser-Hill Company, L.L.C.

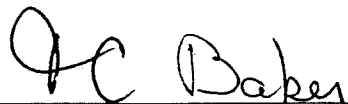
cc:

C. Gilbreath	-	CDPHE
D. Grosek	-	DOE, RFFO
T.C. Baker	-	RMRS
T. A. Hopkins	-	RMRS
R.M. Leitner	-	Proctor's Enterprise
C.M. Madore	-	Savant Enterprises
N. C.T. Van Tyne	-	IT Corporation

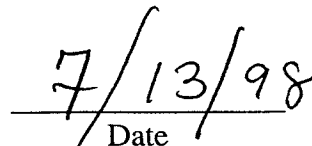
Phase I Summary Report of
RCRA Closure Activities for
Tank and Ancillary Equipment System #4
in Building 771

U.S. Department of Energy
Rocky Flats Environmental Technology Site
EPA ID No. CO7890010526

Confirmed and Approved by:



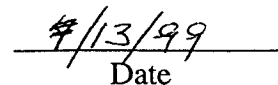
T.C. Baker, Environmental Compliance, RMRS


Date

Prepared by:



N.C.T. Van Tyne, P.E., Engineer/Scientist IV, IT Corp.


Date

1.0 PURPOSE

This Summary Report for Phase I activities in the RCRA closure of Tank and Ancillary Equipment System #4 is a requirement of Section 1.2 of the Closure Description Document (CDD) for this system (RF/RMRS-99-357.UN). The major features of this report include a description of major closure activities and any deviations from those stated in the document, a copy of any newly-generated drawings and relevant analytical results, and a statement regarding whether the Chemical Feed Column included in this system is now eligible for status as "RCRA Stable".

2.0 DESCRIPTION OF MAJOR CLOSURE ACTIVITIES

All sections of process piping and tubing for System #4 indicated in the CDD, Figures 1 and 2, were removed under IWCP work package number T0100280, and were removed as depicted in Figure 1.

Pipe stubs were left at Termination Points. A total of 25 feet of piping and tubing were removed, along with two valves. The pipe sections were inspected visually by looking through them from one end during size reduction. No blockages were found in any sections and the pipe interiors appeared to be dry. The sections were characterized as non-hazardous waste and the metal piping and metal and plastic tubing were placed into separate waste drums with absorbent. The column, which remains in place, no longer contains hazardous material.

During the tap and drain activity for System #4, two 4-liter bottles were generated, for a total volume of 7.41 liters. The liquid was characterized with EPA codes D002 (corrosivity), D004 (arsenic), D006 (cadmium), D008 (lead) and D010 (selenium), based on analytical results. The bottles were batched for processing in the Miscellaneous Waste Handling and Solidification Unit 774.3A (Bottle Box).

3.0 TANK STATUS WITH RESPECT TO THE "RCRA STABLE" CONDITION

The Chemical Feed Column is included in the Idle Equipment Inventory as number 771-0066. This column now meets the requirements for the "RCRA Stable" condition as follows:

1. The column is empty of liquids and mobile sludges in that no additional liquid could be extracted from the tap on the drain line at the bottom of the column during a period of five minutes of continuous pumping. There was no indication of additional residual material inside the column.

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2. All process piping and tubing connected to the column has been removed; only the vent line remains connected.
 3. The drain line TP and the fill line have been sealed, so that no liquid can be re-introduced into the column.

The column will continue to be maintained per the requirements of the Idle Equipment Program. Its current condition will be recorded in the Idle Equipment Inventory as appropriate.

4.0 SUMMARY

The requirements of the CDD for Phase I activities in the RCRA closure of System #4 in Building 771 have been fulfilled as stated in the document. In addition, the Chemical Feed Column in this system meets the requirements of the "RCRA Stable" condition, but will remain in the Idle Equipment Inventory and will follow its inspection requirements